



Pre- and Post- RELAP5 Merger Organization Roles and Funding Considerations

IRUG Meeting
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Jim Meyer, Division Manager
Dan Prelewicz, Project Manager

**INFORMATION
SYSTEMS
LABORATORIES, INC.**

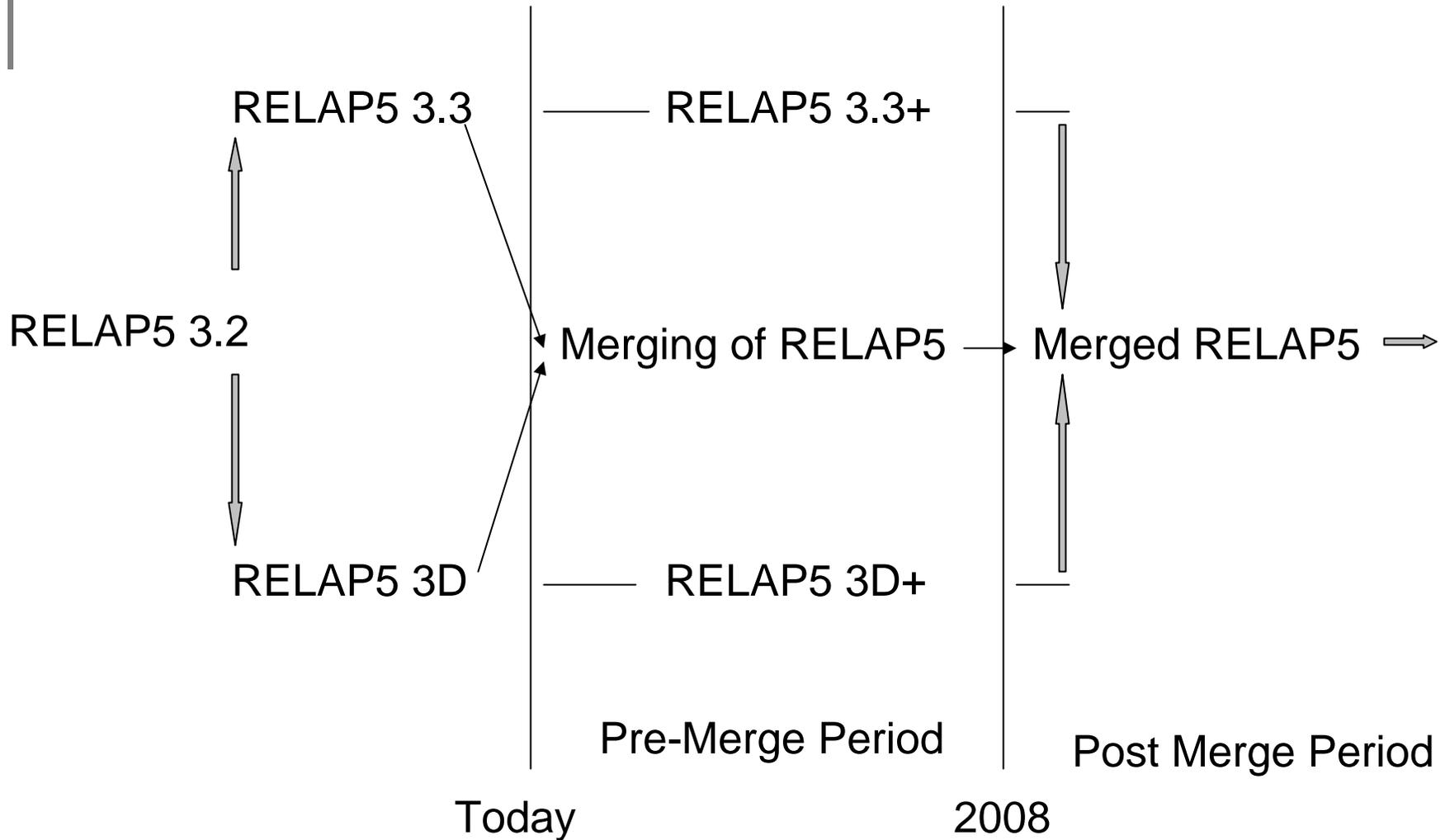
11140 Rockville Pike, Suite 500
Rockville, MD 20852
(301) 468-6425 Fax: (301) 468-0883

Merger Phases

- Pre-Merger (i.e., pre-2008) Organization Roles and Funding – separate maintenance and funding for existing codes by DOE (RELAP5-3D) and NRC (RELAP5/MOD3.3). DOE is reviewing a recommendation to fund merging the codes.
- Post-Merger (i.e., post-2008) Maintenance funding by code users; development funding by sponsoring agency desiring code update.

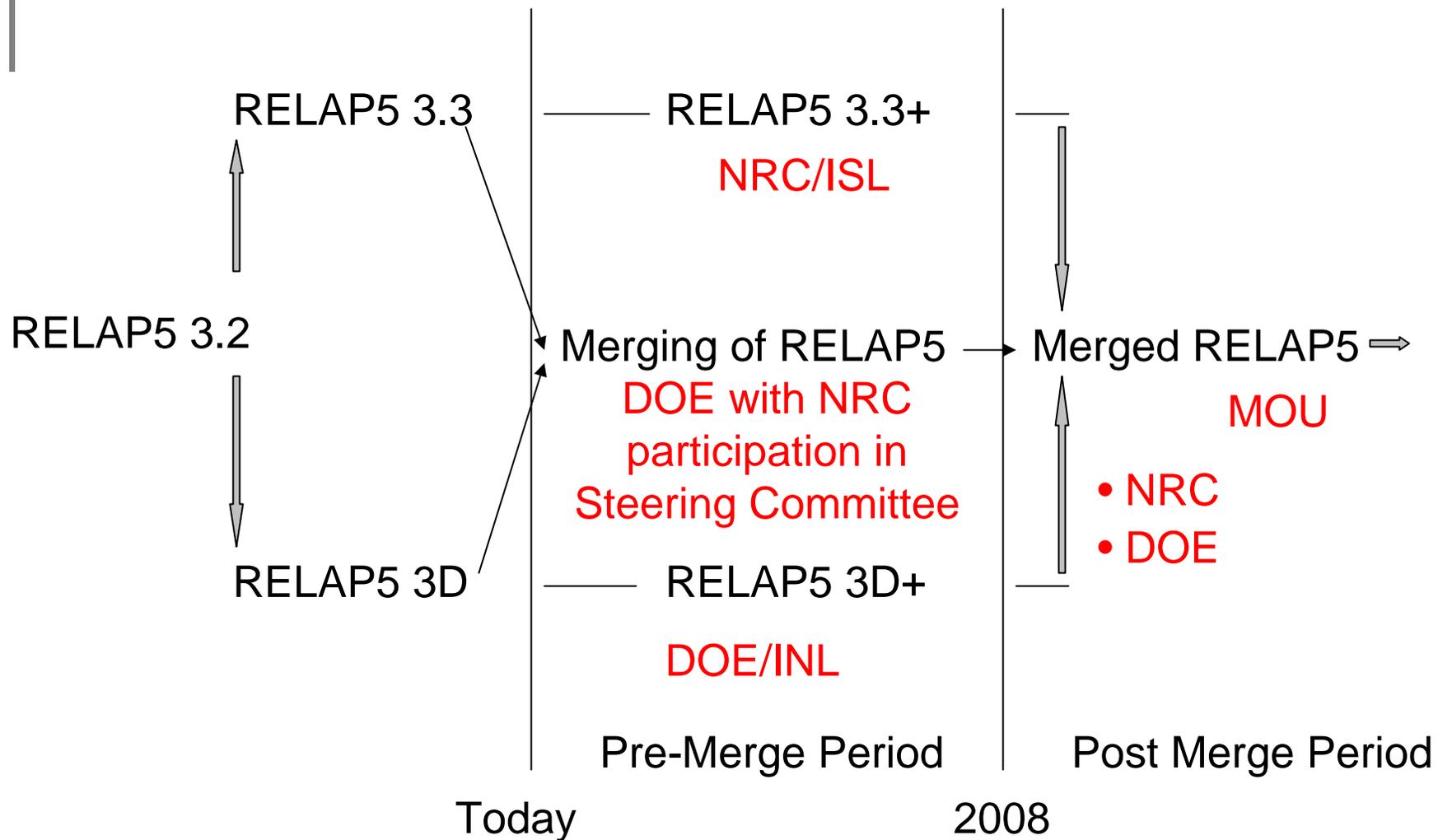


Overall Timeline





Organization Roles



Organization Roles: Pre-Merger

- Merger activities controlled by NRC/DOE MOU
- RELAP5 3D and RELAP5 3.3 will be maintained
- CAMP and IRUG will be maintained
- May be possible to have interactions between the CAMP and IRUG or joint meetings in the future. Possible benefits are:
 - exchange of experience in safety analysis and use of RELAP5
 - provide input to the evolution of the merged code
 - Develop mechanism for sharing bug reports

Organization Roles: Pre-Merger

- Organization structured to allow for improvements in either code version to be available for inclusion in the merged version
 - Error correction changes will be accommodated in both codes during merger
 - New functionality to be accommodated by conditional coding
 - New functionality merging accomplished before final DA

Organization Roles: Post-Merger

- Merged code to be controlled by NRC/DOE MOU
- Possible CAMP/IRUG Consolidated User Meetings would allow both groups to:
 - jointly benefit from the exchange of experience in safety analysis and use of RELAP5
 - provide input to the evolution of the Merged code
- Organization structured to allow for maintenance, improvements and user support of the Merged RELAP5 Code



Funding

